

ABSTRACT OF THE DISCLOSURE

A computer system identifies jobs affected by a fault which occurs in any device or mechanism in a storage system to control the execution of such jobs. The computer system includes a DBMS server device, a virtualization switch device, and storage device. Each of these devices holds part of data mapping information on a data mapping path from a particular DB table accessed by a job, through a logical volume for storing the table, to physical disk units for distributively storing data on the volume. The management server device acquires the part of data mapping information from each device, and integrates the data mapping information on a job-by-job basis. When any device or mechanism fails on the data mapping path, the management server device identifies jobs affected by the fault with reference to the data mapping information. The management server device also controls the execution of these jobs.